

Material Safety Data Sheet

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1. Identification of Substance, Preparation And Company

- **Product Details**

Orange Chrome

- **Manufacturer / Supplier**

COLOURTECH INDUSTRIES

- **Factory Address:**

Colourtech Industries
Plot No. Ex. 12, Opp. CETP, 1st Phase,
GIDC, Vapi - 396 195
Valsad Dist., (Gujarat), INDIA.
email: colourtechvapi@gmail.com
phone: +91 260 2434771 / 2433771

2. Composition / Chemical Characterization

- **Product Identification**

Pigment Orange 21 C.I. No.77601
Co-precipitate of Lead Chromate, Lead Molybdate & Lead Sulphate

- **CAS No.: 12656-85-8**
- **EINECS No.: 235-759-9**
- **TSCA No.: 12656-85-8**

3. Hazard Identification

Although hexavalent Chromium compounds are considered to be oxidizing, due to the insolubility of lead chromates, very little oxidizing hazard is expected. Lead Chromate in the presence of organic compound at elevated temperatures may create fire hazard. Dust explosions are possible.

- **Suspect Cancer Hazard:**

Risk of Cancer depends upon duration and level of exposure. Prolonged or repeated contact may cause irritation to eyes, skin and respiratory tract. Prolonged or repeated inhalation & ingestion may cause delayed injury to the kidney and blood, Gastrointestinal, nervous and reproductive system.

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4. First Aid Measure

- **After Inhalation:**
If inhaled, move to fresh air. Aid in breathing, if necessary, and get medical attention.
- **After Eyes Contact:**
Flush eye with flowing water. If irritation develops, consult an oculist.
- **After Skin Contact:**
Wash affected skin with soap and water.
- **After Ingestion:**
If swallowed, induce vomiting immediately as directed by the medical personnel.

5. Fire Fighting Measures

- **Suitable extinguishing Media:**
Water Spray, Foam
- **Unsuitable extinguishing Media:**
CO₂
- Although hexavalent Chromium Compounds are considered to be oxidizing, due to the insolubility of Lead Chromes, very little oxidizing hazard is expected. Lead Chrome in the presence of organic compound at elevated temperatures may create fire hazard.
Wash affected skin with soap and water.
- Self-contained breathing apparatus for fighters.

6. Accidental Release Measures

- **Personal Precautions:**
Clean up with the appropriate personal equipment (See Section 8)
- **Environmental Precaution:**
Scoop or sweep & transfer into a closed container. Keep waste out of sewers. Avoid dusting.
- **Method for cleaning up:**
Scoop or vacuum into a container for reuse or disposal. Avoid dusting.

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7. Handling and storage

A moderately dry, well-ventilated area is considered adequate for handling and storage. Use proper personal equipments (See Section 8). Direct sources of heat must be avoided. Wash thoroughly after handling, keep away from food and feed products. Keep container closed.

8. Exposure Control / Personal Protection

- **Respiratory Protection:**
Local exhaust ventilation, Air-Purifying respirator.
- **Hand Protection:**
Rubber Gloves
- **Eye Protection:**
Goggles
- **Skin Protection:**
Impervious clothing

9. Physical & Chemical Properties

Appearance:	Orange Powder
Flammability:	None
Odour	None
Eye Protection:	None
pH:	6.5 - 7.5 (at 10gr/250ml H2O)
Explosive Properties:	None
Boiling:	Not applicable
Oxidizing Properties:	None
Melting Point:	Not applicable
Vapour Pressure:	Not applicable
Flash Point:	Not applicable
Relative density:	6.0 - 6.5
Solubility-Water:	Insoluble in Water
Solubility - Fat:	No data available
Partition coefficient(n-octanol/water):	No Data available
Other data:	None

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10. Stability and reactivity

Stable under normal conditions of storage and use. Dust explosions are possible. Hazardous decomposition products are none (in case of proper processing).

11. Toxicological Information

Acute oral toxicity: LD50 (rat) >5000 mg/kg.

12. Ecological Information

The product is practically insoluble in water and can be separated by sedimentation or filtration process. Avoid infiltration in waste water drainage or soil.

13. Disposal consideration

Consult a local expert for advice on the disposal of this material. Ensure that disposal is in compliance with local, national regulations.

14. Transport information

GGV IMDG CODE: None : **UN NO.** : None
ICAO/IATA-DGR: None : **RID/ADR** : None

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15. Regulatory information

This Product Contain toxic chemical subject to the reporting requirements of Sec.313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40CFR Part 372.

- **Chemical Name:**

Lead (Total Content)	CAS No.	% in weight
	7439-92-1	61.1%

16. Other Information

We have described our products concerning possible safety requirements by the above mentioned information given to the best of our knowledge and experience. All data given are never meant to guarantee any quality description nor product properties.